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on December 8, 2006

Glenn P. Ladwig
Glenn P. Ladwig, Patent Attorney

INFORMATION DISCLOSURE STATEMENT

Examining Group 1645

Patent Application

Docket No. C&R-105

Serial No. 10/540,179

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Examiner : (Not yet assigned)
Art Unit : 1645
Applicants : Tania Maria Rodrigues, Richard Joseph Fagan, Christopher Benjamin Phelps, Melanie Yorke, Mariastella De Tiani
Serial No. : 10/540,179
Filed : June 17, 2005
Conf. No. : 1198
For : Chorionic Somatomammotropin Hormone Splice Variants

MS AMENDMENT

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §§1.97 AND 1.98

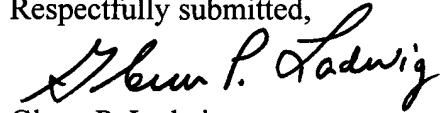
Sir:

The patent application referred to above was filed in the U.S. Patent Office as a national application under 35 U.S.C. §371. The applicants have been notified that a copy of the International Search Report has been made available in the national stage file as indicated on the Notification of Acceptance of the Application under 35 U.S.C. §371 (Form PCT/DO/EO/903). The Notification does not indicate whether copies of the references cited in the International Search Report were received by the Patent Office. Therefore, copies of the references cited in the International Search Report are enclosed for the Examiner's convenience. In accordance with 37 C.F.R. §1.56, the applicants hereby request that the references cited in the International Search Report and listed on the

attached form PTO/SB/08 be made of record and considered in the examination of the subject application.

The applicants respectfully assert that the substantive provisions of 37 C.F.R. §§1.97 and 1.98 are met by the foregoing statement.

Respectfully submitted,



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Attachments: Form PTO/SB/08 (2 pages); copies of cited references



PTO/SB/08B (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

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Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Complete if Known		
			Application Number	10/540,179	
			Filing Date	June 17, 2005	
			First Named Inventor	Tania Maria Rodrigues	
			Group Art Unit	1645	
			Examiner Name		
Sheet	1	of	2	Attorney Docket Number	C&R-105

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article, (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	R1	"Chorionic somatomammotropin hormone-like 1 precursor" Database UniProt, Database accession no. Q14406, November 1, 1996.	
	R2	"Chorionic somatomammotropin hormone precursor (Choriomammotropin) (Lactogen)" Database Swissprot, Database accession no. P01243, October 25, 2004.	
	R3	"Human growth hormone (GH-1 and GH-2) and chorionic somatomammotropin (CS-1, CS-2 and CS-5) genes, complete cds" Database accession no. J03071, November 8, 1994.	
	R4	BARRERA-SALDANA, H.A. <i>et al.</i> "Two structurally different genes produce the same secreted human placental lactogen hormone" <i>J. Biol. Chem.</i> , 1983, 258:3787-3793.	
	R5	BARSH, G.S. <i>et al.</i> "The human growth hormone gene family: structure and evolution of the chromosomal locus" <i>Nucl. Acids Res.</i> , 1983, 11:3939-3958.	
	R6	CHEN, E.Y. <i>et al.</i> "The human growth hormone locus: nucleotide sequence, biology, and evolution" <i>Genomics</i> , 1989, 4:479-497.	
	R7	HIRT, H. <i>et al.</i> "The human growth hormone gene locus: structure, evolution, and allelic variations" <i>DNA</i> , 1987, 6:59-70.	
	R8	LI, C.H. <i>et al.</i> "Amino-acid sequence of human chorionic somatomammotropin" <i>Arch. Biochem. Biophys.</i> , 1973, 155:95-110.	
	R9	SCHNEIDER, A.B. <i>et al.</i> "Identification of the interchain disulfide bonds of dimeric human placental lactogen" <i>J. Biol. Chem.</i> , 1979, 254:3782-3787.	
	R10	SEEBURG, P.H. "The human growth hormone gene family: nucleotide sequences show recent divergence and predict a new polypeptide hormone" <i>DNA</i> , 1982, 1:239-249.	
	R11	SELBY, M.J. <i>et al.</i> "Analysis of a major human chorionic somatomammotropin gene" <i>J. Biol. Chem.</i> , 1984, 259:13131-13138.	
	R12	SHERWOOD, L.M. <i>et al.</i> "Amino-acid sequence of human placental lactogen" <i>Nature New Biology</i> , 1971, 233:59-61.	
	R13	SHINE, J. <i>et al.</i> "Construction and analysis of recombinant DNA for human chorionic somatomammotropin" <i>Nature</i> , 1977, 270:494-499.	

Examiner Signature	Date Considered
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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			Filing Date	June 17, 2005	
			First Named Inventor	Tania Maria Rodrigues	
			Group Art Unit	1645	
			Examiner Name		
Sheet	2	of	2	Attorney Docket Number	C&R-105

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article, (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	R14	STRAUSBERG, R.L. <i>et al.</i> "Generation and initial analysis of more than 15,000 full-length human and mouse cDNA sequences" <i>Proc. Acad. Natl Sci. USA</i> , 2002, 99:16899-16903.	
	R15	TODA, Y. and TOMITA, M. "Alu elements as an aid in deciphering genome rearrangements" <i>Gene</i> , 1997, 205:173-176.	
	R16	VNENCAK-JONES, C. and PHILLIPS, J.A. III "Hot spots for growth hormone gene deletions in homologous regions outside of Alu repeats" <i>Science</i> , 1990, 250:1745-1748.	
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Examiner Signature		Date Considered	
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